

AMENDMENTS TO THE CLAIMS

1. (Original) A cast-cutter for use in removing a cast from a patient, said cast-cutter comprising:

a body; and

a cutting assembly mountable on the body and comprising first and second relatively moveable cutting members each defining a cutting edge and an inner face, wherein the first and second cutting members are adapted to permit cooperation between the respective cutting edges to cut by a shearing action while maintaining the inner faces in non-engaging relationship to provide clearance therebetween.

2. (Original) A cast-cutter according to claim 1, wherein the first and second cutting members of the cutting assembly are arranged such that during a cutting operation the cutting edges are aligned with a projected cutting plane.

3. (Currently amended) A cast-cutter according to claim 1 ~~or 2~~, wherein each of said first and second cutting members includes an inner face, an inner face of at least one of the cutting members [is] being inclined outwardly from a projected cutting plane in order to provide clearance between the inner faces when the cutting assembly is operated.

4. (Currently amended) A cast-cutter as claimed in claim 1, ~~2 or 3~~, wherein the inner face of ~~both each cutting members are~~ member is outwardly inclined from the projected

cutting plane in order to provide clearance between said faces when the cutting assembly is operated.

5. (Currently amended) A cast-cutter as claimed in ~~any preceding~~ claim 1, wherein one of the first and second cutting members is fixed relative to the body, and the other cutting member is moveable.

6. (Currently amended) A cast cutter as claimed in ~~any preceding~~ claim 1, wherein one of the cutting members is pivotally mounted relative to the other cutting member.

7. (Currently amended) A cast-cutter as claimed in ~~any preceding~~ claim 1, wherein the cutting assembly further comprises a support member adapted to support the first and second cutting members.

8. (Original) A cast-cutter as claimed in claim 7, wherein the support member is adapted to fixedly support one of the first and second cutting members and to moveably support the other cutting member so that relative movement between the first and second cutting members may be achieved.

9. (Currently amended) A cast-cutter as claimed in claim 7 ~~or 8~~, wherein one of said cutting member members is integrally formed with the support member.

10. (Currently amended) A cast-cutter as claimed in claim 7 ~~or 8~~, wherein one of said cutting member ~~members~~ is separately formed and rigidly secured thereto.

11. (Currently amended) A cast-cutter as claimed in claim 9 ~~or 10~~, wherein the other of the first and second cutting members is moveably supported on the support member by being pivotally coupled thereto.

12. (Original) A cast-cutter as claimed in claim 11, wherein the pivotally mounted cutting member is coupled to the support member by means of a pivot pin arrangement.

13. (Currently amended) A cast-cutter as claimed in ~~any preceding~~ claim 1, wherein the cutting assembly is adapted to be releasably mountable on the body of the cast-cutter.

14. (Currently amended) A cast-cutter as claimed in ~~any preceding~~ claim 1, wherein the cutting assembly is adapted to be secured to the body in alternate directions such that the cast-cutter may be used to cut a cast in at least two directions.

15. (Currently amended) A cast-cutter as claimed in ~~any one of claims 7 to 14~~ claim 7, wherein the support member of the cutting assembly is adapted to be mountable on the body of the cast cutter in order to secure the cutting assembly thereto.

16. (Currently amended) A cast-cutter as claimed in ~~any-preceding~~ claim 1, wherein the cutting assembly further comprises biasing means for biasing at least the cutting edges of the first and second cutting members laterally together.

17. (Original) A cast-cutter as claimed in claim 16, wherein the biasing means comprises spring biasing means.

18. (Currently amended) A cast-cutter as claimed in claim 16 ~~or 17~~, wherein the biasing means ~~is provided by~~ comprises at least one ~~or both~~ of the first and second cutting members ~~by providing one or both members with~~ configured to have a longitudinal curvature or profile.

19. (Currently amended) A cast-cutter as claimed in ~~any-preceding~~ claim 1, wherein the respective cutting edges of the first and second members ~~are provided as or on~~ each comprise ~~a separate inserts which are insert~~ secured to the first and second members respectively.

20. (Currently amended) A cast-cutter as claimed in ~~any-preceding~~ claim 1, wherein, in use, one of the first and second cutting members is adapted to be positioned underneath a cast, between the cast material and the skin of a patient.

21. (Currently amended) A cast-cutter as claimed in ~~any-preceding~~ claim 1, wherein the cutting assembly is adapted to be coupled to a drive means via a drive mechanism, wherein

the drive mechanism transmits motion from the drive means to the cutting assembly for causing relative movement between the cutting members to effect cutting.

22. (Original) A cast-cutter as claimed in claim 21, wherein the drive mechanism is adapted to reciprocate.

23. (Currently amended) A cast-cutter as claimed in claim 22, wherein the drive mechanism comprises a reciprocating drive pin coupled to the drive means by a suitable transmission arrangement, and also coupled to one of the cutting members.

24. (Original) A cast-cutter as claimed in claim 21, wherein the drive mechanism is adapted to rotate or oscillate.

25. (Currently amended) A cast-cutter as claimed in ~~any one of claims 21 to 24~~ claim 21, wherein the drive mechanism is adapted to terminate [the] a connection between the drive means and the cutting assembly upon reaching a predefined force exerted by the cutting assembly.

26. (Original) A cast-cutter as claimed in claim 25, wherein the drive mechanism comprises a slip pin or shear pin coupling arrangement adapted to be activated or sheared when the predefined force is reached.

27. (Currently amended) A cast-cutter as claimed in ~~any preceding~~ claim 1, wherein the cutting assembly is operated by electric drive means.

28. (Original) A cast-cutter as claimed in claim 27, wherein the electric drive means comprises an electric motor.

29. (Currently amended) A cast-cutter as claimed in claim 28, ~~wherein~~ further comprising control circuitry ~~is provided and~~ adapted to permit the required control of the electric motor to be achieved.

30. (Original) A cast-cutter as claimed in claim 29, wherein the control circuitry incorporate safety tripping circuits.

31. (Currently amended) A cast-cutter as claimed in claim 28, ~~29 or 30~~, wherein the electric motor further comprises braking means adapted to prevent movement of the cutting means when the cast-cutter is deactivated.

32. (Currently amended) A cast-cutter as claimed in claim 31, wherein the braking means ~~is provided by permitting~~ permits the electric motor to be short-circuited to generate a transitory back e.m.f. to rapidly stop rotation of the motor.

33. (Currently amended) A cast-cutter as claimed in claim 32, further comprising at ~~least one or more electrical resistors~~ resistor through which the electric motor may be short-circuited.

34. (Currently amended) A cast-cutter as claimed in ~~any preceding~~ claim 1, further comprising visual signal means which are activated when power is supplied thereto.

35. (Currently amended) A cast-cutter as claimed in ~~any preceding~~ claim 1, wherein the cast-cutter is activated by activating a main switch, and deactivated by releasing said main switch.

36. (Currently amended) A cast-cutter as claimed in claim 35, ~~wherein the cast-cutter comprises~~ further comprising at least one safety switch which must be activated before the cast-cutter can be operated by the main switch.

37. (Currently amended) A cast-cutter as claimed in claim 36, ~~wherein the cast-cutter comprises~~ further comprising two safety switches, wherein at least one of the two safety switches must be activated before the cast-cutter may be operated by the main switch.

38. (Original) A cast-cutter as claimed in claim 37, wherein one of the two safety switches is positioned on the cast-cutter to permit ease of use by a right-handed operator, and the other of the two safety switches is positioned to permit ease of use by a left-handed operator.

39. (Currently amended) A cast-cutter as claimed in ~~any preceeding claim 1~~, further comprises a safety guard disposed around the cutting assembly.

40. (Currently amended) A method of removing a cast from a patient, said method comprising the steps of:

providing a cast cutter ~~according to any preceeding claim~~; including:

a body;

a cutting assembly mountable on the body and comprising first and second relatively moveable cutting members each defining a cutting edge and a inner face, wherein the first and second cutting members are adapted to permit cooperation between the respective cutting edges to cut by a shearing action while maintaining the inner faces in non-engaging relationship to provide clearance therebetween;

manipulating the cast-cutter to position a cast material to be removed from a patient between the first and second cutting members; and

activating the cast-cutter to cause relative movement of the first and second cutting members to cause the cast material to be cut by cooperation of the cutting edges.

41. (Original) A switching arrangement for use with a hand operated device having a central plane, said arrangement comprising:

a primary operating switch mounted substantially on said plane;

a first secondary operating switch mounted to be offset from said plane in a first direction; and



a second secondary operating switch mounted to be offset from said plane in an opposite second direction;

wherein the primary operating switch may be activated to operate the hand operated device when at least one of the first and second operating switches is activated.